



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

September 7, 1995

TO: Minerals File

FROM: Tom Munson, Reclamation Hydrologist *J. Burns for*

RE: Site Inspection, Mark Johnson, Tetla Mine, ^SM/025/0006, Kane County, Utah

Date of Inspection: August 15, 1995
Time of Inspection: 10:00 AM - 1:30 PM
Conditions: Sunny
Participants: Mark & Tillman Johnson; Will Stokes and Ron Carlson, SITLA; Wayne Hedberg and Tom Munson, DOGM

Purpose of Inspection: To determine the nature and extent of mining disturbance associated with Mark Johnson's Septarian Nodule Leases

Since the review of this area is best shown using photos as a guide. The memo will reference photos # 1-6 and discuss the associated disturbances, reclaimed and unreclaimed.

Photo #1 - Area #1 had two distinct areas, one area which was reclaimed measuring @1.18 acres and the other area which was not reclaimed measuring @1.5 acres. The reclaimed area showed a fair amount of native vegetation cover, but there was very little species diversity (predominantly rabbitbrush) noted. Mr. Johnson indicated that the area had not been seeded to date. We suggested that a more diverse seedmix be broadcast and raked/scarified into the soil surface if possible. In addition, we asked that remnants of the cut banks/highwalls be knocked down, graded and left roughened to the extent practical. These roughened areas should then be seeded (preferably in late fall).

Photo #2 shows both the reclaimed and unreclaimed areas associated with area #1 and the beginning of area #2 which is not reclaimed.

Photo # 3 shows Area # 2, none of which is reclaimed. This disturbance totals @4.47 acres. According to Mark Johnson, a portion of this area will still be mined, but a portion of it surrounding the pit area could be reclaimed.

Photo #4 shows area #3 which is currently being mined by Mike Caruso measuring @1.2 acres. This area is located within Mark Johnson's (and Olga Berry's?) lease. In a conversation with Mike Caruso later in the day, Mr. Caruso stated that his father had left this area out of the lease



agreement with Mark Johnson, apparently giving him the right to mine this area. Mike stated that Mr. Johnson had asked him earlier that day to do some of the reclamation of his other areas. This conversation with Mr. Caruso was not confirmed with Mark Johnson. The area of older disturbance measuring @2.07 acres, includes an old diked area which will need to be reclaimed.

Photo #5 shows what will be referred to as the Dogleg area with a small pit. This area measures @.79 acres and is going to be reclaimed. The pit area will need to be filled in and the pad area will need to be pushed up against the highwall.

Photo #6 shows a small active mining area which is currently producing the best Nodules on Mark Johnson's lease. This area is adjacent to a small creek and Mark Johnson was instructed not to disturb this channel if it could be prevented. The area measures .18 acres. Upon final reclamation we indicated that the natural drainage patterns should be restored to the extent possible.

Summary of Acreages by Area

Area		<u>Acreage</u>
#1	Reclaimed	1.18
#1	Unreclaimed	1.5
#2	Unreclaimed	4.47
#3	Unreclaimed - MIKE CARUSO'S MINE	1.2
#3	Unreclaimed - OLD DISTURBANCE	2.07
#4	Unreclaimed - DOGLEG WITH PIT	.79
#5	Unreclaimed - ACTIVE MINE AREA (M.JOHNSON)	<u>.18</u>
<u>TOTAL ACREAGE</u>		10.39 ACRES
<u>TOTAL RECLAIMED</u>		1.18 ACRES
<u>TOTAL UNRECLAIMED</u>		9.21 ACRES

Based on approximately 9.21 acres of unreclaimed mine property, the Division will send the operator a letter asking him to reclaim, within thirty days, enough acreage to bring his total disturbance below 5 acres in order to continue operating under a Small Mine permit. It seems feasible that he could reclaim all of Area #1; 2.0 acres of area #2; the old disturbance associated with area #3; and all of area #4 bringing his unreclaimed total to @2.85 acres.

jb
cc: Mark Johnson, Operator
S025006.ins

MARK JOHNSON'S TETLA MINE
S/025/006
8/15/95 SITE INSPECTION

PHOTO # 1
AREA 1



UNRECLAIMED
AREA



RECLAIMED AREA

RECLAIMED AREA LOOKS O.K. EXCEPT FOR
EMBANKMENT WHICH WAS NOT REGRADED

MARK JOHNSON'S TETLA MINE

S/025/006

8/15/95 SITE INSPECTION

PHOTO #2



RECLAIMED
AREA 2 1.18 AC

UNRECLAIMED
AREA 2 1.5 AC

UNRECLAIMED
AREA 2
4.47 ACRES

UNRECORDED
AREA 5
JAN 8 11

UNRECORDED
AREA 5
JAN 2 1

UNRECORDED
AREA 5
JAN 2 1

MARCH JOHNSON'S
S/0251006
8/15/95 SITE INSPECTION

← N/S →
PHOTO #3

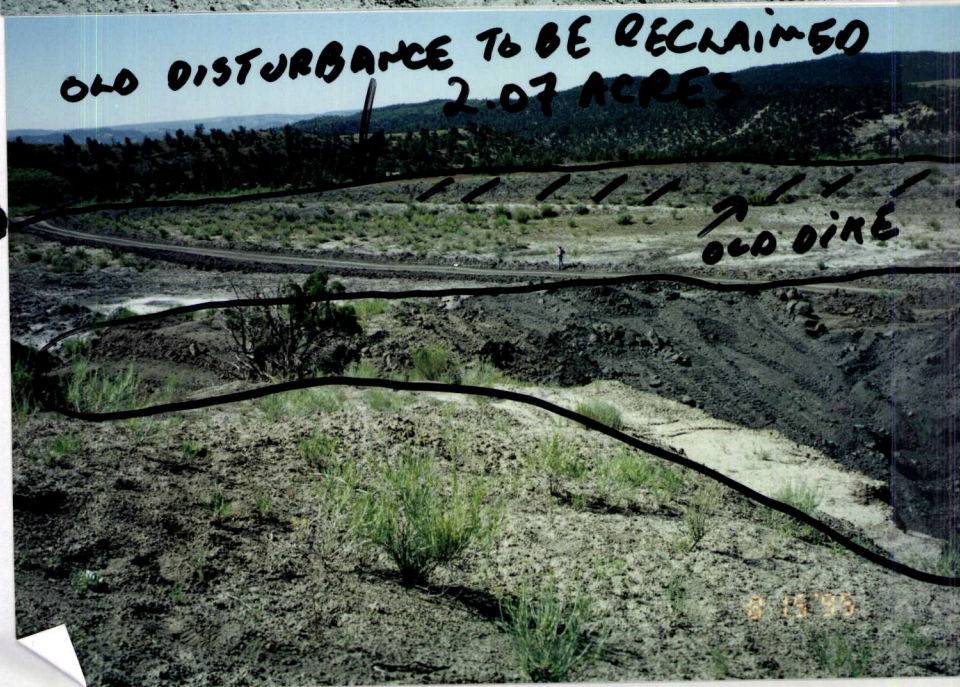


TOTAL ACREAGE 4.47 ACRES
WANTS TO LEAVE PART AND RECLAIM PART.

MARK JOHNSON'S TETLAMINE
S 025/006
8/15/95 AREA #3 PHOTO #4



↑ MIKE CURUSO DIGS ON
MARK JOHNSON'S LEASE
APPROXIMATELY 1.2 ACRES
IN SIZE



OLD DISTURBANCE TO BE RECLAIMED
2.07 ACRES

↑
OLD DIRT

MARH JOHNSON TETRA MINE

5/025/006 PHOTO # 5

AREA 4
DOUGLEG WITH SMALL PIT
TO BE RECLAIMED
TOTAL ACREAGE
79 ACRES



PAO AREA NEEDS TO BE PULLED
BACK AGAINST HIGH WALL



MARK JOHNSON'S TETLA MINE

S/025/006

8/15/94

PHOTO #6

AREA IS
ACTIVELY BEING
MINED AND WILL
CONTINUE TO
BE MINED



ACTIVE AREA
.18 ACRES

6000
~~TONNAGE~~
NOOUE
ZONE

NOOUE IN THIS AREA ARE
OF GOOD QUALITY

AS9A 3070A
2390A P1.

Good
211006
304004
3408

32A 034A 21W5 W1 230700A
W110A10 0002 40

